User guide

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LJ-100

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I. Introduction

Important!
Please read these instructions carefully before use and keep this User Guide for future reference.

Telephone components supplied:
- telephone set (base unit + handset),
- handset cord,
- line cord,
- stand,
- user guide,
- guarantee card.

❑ **Telephone features**

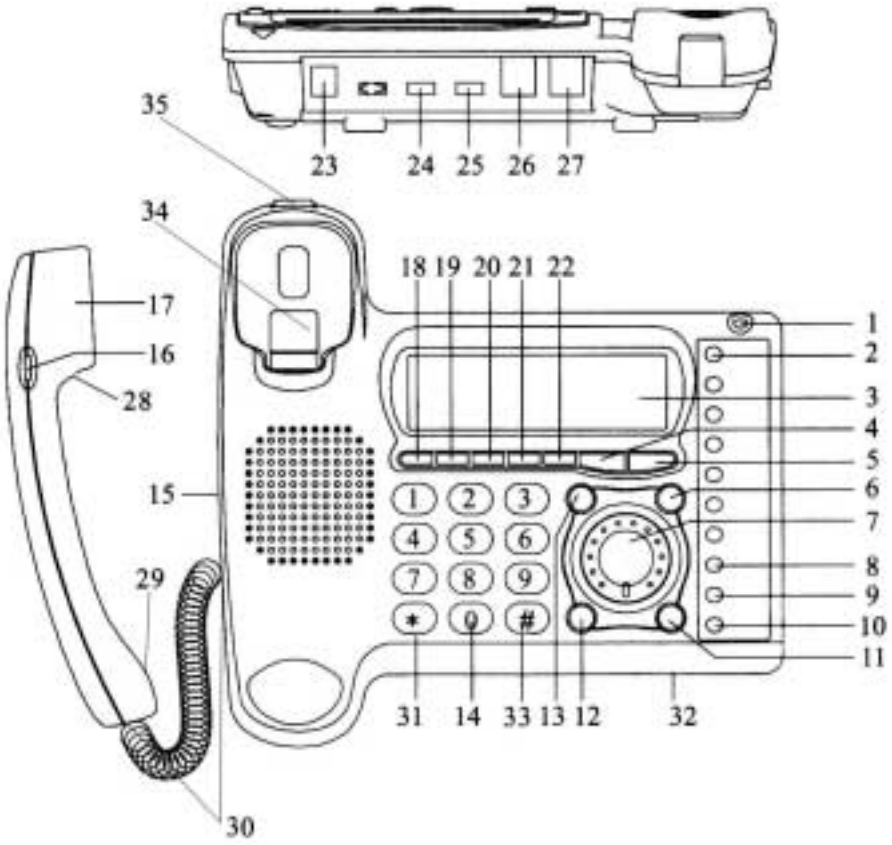
- ♦ 12-digits, green backlit LCD display
- ♦ 10 two-touch number memory
- ♦ 7 one-touch number memory
- ♦ Calculator
- ♦ **CLIP**(Caller ID) – calling line identification presentation in **FSK/DTMF** European system
- *100 memory locations*
- *telephone number review*
- *date and time display*
- *local area code enter*
- *prefix*
- *call back*
- ***VIP** function*
- ♦ Alarm-clock
- ♦ Call timer
- ♦ Adjustable display contrast
- ♦ Date and time setting
- ♦ Handset volume rotary switch
- ♦ Last number redial
- ♦ 30 redial number memory
- ♦ Pause

- 2-way speaker function
- 2-way speaker volume rotary switch
- Pre-dial function
- Flash
- 16 types of ringer sound selectable (8 melody ringers)
- Ringer volume control
- „Don't disturb" function
- Music on hold
- Tone/pulse dialling
- Lock for long distance calls
- Headphone socket
- Wall mounting

- **Function button index**

1. **NEW** indicator
2. **M1...M7** buttons
3. Display
4. **DEL/TIME** button
5. **BRT/SLP** button
6. **VIP/P** button
7. **VOLUME HI/LOW** rotary switch
8. **STORE** button
9. **RECALL** button
10. **FLASH** button
11. **SP-PHONE** button
12. **RD/ARD** button
13. **SET/HOLD** button
14. Keypad
15. Handset socket
16. Handset volume rotary switch
17. Handset loudspeaker
18. **UP/+** button
19. **DOWN/-** button
20. **OUT/x** button
21. **BACK/÷** button
22. **CAL** button
23. **DC 9V** socket
24. **RINGER Hi/Low** switch
25. **DIAL MODE T/P** switch
26. **TEL OUT** line socket
27. **TEL IN** line socket
28. Handset hole
29. Handset microphone
30. Handset socket
31. ***/.** button
32. Base microphone
33. **#/=** button
34. Wall clip
35. Hold clip

Note!
The line sockets TEL OUT, TEL IN, the RINGER Hi/Low switch, the DIAL MODE T/P switch, the DC9V socket, the handset socket are located on the side of the base unit. In addition, on the bottom of the base unit, is the socket for blocking telephone numbers.



II. Getting started

❑ How to connect the batteries

- Remove the cover of the battery compartment on the underside of the base unit.
- Fit three 1,5V AA batteries,
- Replace the battery compartment cover.

Note!
*Instead of batteries, the adaptor to the DC9**V** socket, which is placed on the side of the base unit can be connected. The parameters of the adaptor must be as follows:*

- *inside voltage –*
  U_{IN} = 230V, f =50 Hz
- *outside voltage–*
  U_{out} = 9V DC
- *current*
  I_{outmin} = 100 mA
  - *standard plug (Φ=2.1 mm)*

  with „-" inside.

Adaptor is not in complete!

❑ How to mount the table stand

See below picture.

❑ How to connect the handset and telephone line

- Plug one end of the coiled handset cord into the handset and the other end into the socket on the side of the telephone.
- Insert the base unit's telephone line plugs into the PTT wall socket and telephone socket TEL IN as shown on the illustration.

Note!
The telephone is equipped with two line sockets. These sockets are connected in parallel. It does not matter, where the telephone line and second telephone are connected.

After connecting the telephone, the display shows the date and two clocks. These symbols will be always displayed in the standby mode.

❑ How to set the dial mode for your type of telephone exchange

These are two different modes a telephone can use to communicate with the local exchange. Modern telephone exchanges accept TONE dialling, but some older exchanges accept only PULSE dialling. This telephone is capable of either type of dialling- but if your local telephone exchange is a modern one that accepts TONE dialling, this is the best type to use, because:

- it gives you much faster connections,
- it allows you to use special functions if they are available in your area.

To set the right dial mode:
move the **DIAL MODE T/P** switch to **T** or **P** position.

Note!
Special functions are available only if the relevant TP S.A. services have been subscribed to. If more information is required, please contact the BOK office or your network provider.

❑ Wall mounting

The wall mount brackets are located underneath the telephone base unit. The telephone can be conveniently wall mounted near the PTT line socket.

To mount the base onto the wall:

- drill two holes into the wall in the correct position, a distance of 124mm apart. Put the screws into the wall, leaving about 5 mm free to hang the wall mounting bracket,
- set the wall clip in the right position,
- replace the handset on the base unit,
- hang the telephone onto the screws.

YOUR TELEPHONE IS NOW READY FOR USE!!!

III. Using the telephone

❑ How to set the display contrast

The setting factory is 3.

To set the display contrast:

- ♦ press the **SET/HOLD** button, until the display will show the right setting for you.

- ♦ Press the **DEL/TIME** button to return to the standby mode.

If the **DEL** button is not pressed, the telephone will return to standby mode after several seconds. The setting will be stored.

❑ How to set date and time

To set date and time:

- ♦ press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.
- ♦ Press the **1** button. The display will show the symbol **2004** indicating the year. The one before last digit will be flashing.
- ♦ Use the keypad to enter the right digits. For example, if you want to set the year 2005:
  - ▪ press the **0** button, the last digit will start to flash,
  - ▪ then, press the **5** button.
- ♦ After setting the year, the first digit indicating the month will start to flash. Use the keypad to enter the right digits. For example, if you want to set August:
  - ▪ press the **0** button, the next digit will start to flash,
  - ▪ then, press the **8** button.
- ♦ After setting the month, the first digit indicating the day will start to flash. Use the keypad to enter the right digits. For example, if you want to set the 27th day of

month:
- press the **2** button, the next digit will start to flash,
- press the **7** button.

♦ After setting the day, the first digit indicating the hours will start to flash. Use the keypad to enter the right digits. For example, if you want to set 16.00:
- press the **1** button, the second digit will start to flash,
- press the **6** button.

♦ After setting the hour, the first digit indicating the minutes will start to flash. Use the keypad to enter the right digits. For example, if you want to set the 59th minute:
- press the **5** button, the last digit will start to flash,
- press the **9** button.

After entering the minutes, the telephone will return to standby mode automatically. All settings will be stored.

Note!

♦ *If incorrect buttons are pressed, the settings will not be confirmed.*

♦ *During the setting, press the UP/+ or DOWN/- button to move between the digits (to choose the digit, you want to change).*

❑ **Ringer volume control**

The volume at which the base unit will ring for an incoming call can be adjusted.

To select the volume you prefer:

move the **RING Hi/Low** switch to:
- **Low** position– low ringing volume

or
- **Hi** position– high ringing volume.

❑ **How to select the ringer melody**

One ringer melody can be selected from among 16 ringer melodies. The settings **rING 01-08** indicate the normal ringers and settings **rING 09-16** indicate the melody ringers.

To select one ringer melody:

- press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.
- Press the **7** button. The display will show an actual setting **rING 09**. The ringer melody will be played.
- Press the **UP/+** or **DOWN/-** button to select the right signal (melody).
- Press the **SET/HOLD** button to confirm the setting. The display will show the symbol **- 0 1 2 3 4 5 6 7 –** again.
- Press the **DEL/TIME** button. The telephone will return to the standby mode.

If the **DEL/TIME** button is not pressed, the telephone will return to standby mode after several seconds. The setting will be stored.

Note!

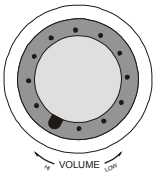
The melody ringers are available only, when the batteries are placed in the battery compartment. If there are no batteries, only the normal ringer will sound.

❑ **2-way speaker function**

The 2-way speakerphone function allows a number to be dialed, or a call to be made, without the handset needing to be lifted. The party on the other end of the line will automatically be able to hear and to be heard through the speaker located in the base unit of the telephone. When using this function, the user needs to speak within a reasonable distance of the telephone microphone in order that the microphone may pick-up voice sound. This function may also be used to make a conference call between several parties in the same office.

Using the **SP-PHONE** button, the 2-way speakerphone function can be switched on/off.

After pressing the **SP-PHONE** button, the display will show the timer.



In addition, the **VOLUME HI/LOW** rotary switch can be used to adjust the volume of the loudspeaker.

❑ How to make a call

To make a call:

- ♦ lift the handset from the base unit

or

- ♦ press the **SP-PHONE** button.

The display will show the timer.

- ♦ When the PTT on-line signal is heard, the required number should be dialed. The number will be displayed. After several seconds, the call time counter will be switched on.
- ♦ To end your conversation, replace the handset on the base unit or press the **SP-PHONE** button. The time of your last call can be displayed by pressing the **OUT/X** button (see the chapter: ”OUT memory”)

Note!

The telephone number in the standby mode can also be entered (before lifting the handset or pressing the SP-PHONE button).If you wish to delete the last incorrect digit, press the DEL/TIME button. If you wish to make a call, press the BACK÷ button. The 2-way speaker function will be switched on and the number will be dialed automatically.

❑ How to receive a call

When the telephone rings:

- ♦ lift the handset from the base unit or press the **SP-PHONE** button.

In addition, on the side of the handset there is the rotary switch, which can be used to adjust the volume of the handset or the **VOLUME HI/LOW** rotary switch to adjust the volume of the base’s loudspeaker.

- ♦ After completing your conversation, replace the handset on the base unit or press the **SP-PHONE** button.

- **OUT memory**

  Your telephone can store 30 the most recently dialed numbers in the OUT memory. They can be reviewed by pressing the **OUT/X** button in *standby* mode. Each number may consist of up to 16 digits.

To review OUT numbers:

- press the **OUT/X** button. The display shows the last number dialed.
- Press the **OUT/X** button again to display the time of this call and the number of the memory location.
- Press the **OUT/X** button again. The display shows the number, stored in the lower memory location.
- Press the **OUT/X** button again to display the time of this call and the number of the memory location.
- By pressing the **OUT/X** button, the remaining numbers can be reviewed.

If the **OUT/X** button is not pressed, the telephone will return to standby mode after several seconds. If the memory is empty, the display will show the symbol **- - - End - - -**.

To make a call:

- press the **OUT/X** button to select the number .

- Press the **BACK/+**. button. The 2-way speaker function will be switched on and the number will be dialed automatically.

- After the call, replace the handset on the base unit or press the **SP-PHONE** button.

- **How to delete an OUT number**

To delete an individual number:

- press the **OUT/X** button to select the number, to be deleted.

- Press the **DEL/TIME** button twice. The number will be removed.

To delete the all numbers:

- Press the **OUT/X** button.
- Press and hold the **DEL/TIME** button until **- - - End - - -** is displayed. After several seconds, the telephone will return to standby mode. All numbers will be removed.

❑ **Last number redial**

Your telephone automatically stores the last number dialed of up to 32 digits long. This function can be used, when the number is busy.

To redial:

- lift the handset or press the **SP-PHONE** button.

- Press the **RD/ARD** button. The last number will be displayed and dialed.

❑ **Autoredial function**

The *Autoredial* function allows the last number to be redialed during the using the 2-way speaker button. This operation can be repeated many times, until a connection is made.

To dial the number again:

- press the **RD/ARD** button. The 2-way speaker function will be switched off briefly. After an interval, the 2-way speaker function will be switched on and the number will be dialed again automatically.

❑ **How to enter a pause**

With some switchboards, after dialing the access code you may have to wait for a moment while the switchboard picks up an outside line. To compensate for this, you can enter a pause within a phone number.

To enter a pause:

- lift the handset or press the **SP-PHONE** button.
- Enter the access code for an outside line, for example **0**.

- Press the **VIP/P** button to enter a pause. The symbol **P** will be showed on the display.

- Enter the remaining digits of the telephone number.

- After your call, replace the handset on the base unit or press the **SP-PHONE** button.

Note!
The number and pause can be also entered in the standby mode. To make a call, press the **BACK/+** button.

❑ **How to set a pause**

To set a pause:

- press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.
- Press the **6** button. The display will show an actual setting **PAUSE 3_6**.
- Press the **UP/+** or **DOWN/-** button to select the right time of the pause from among the following setting: **1_0**, **2_0**, **3_0**, **3_6**.
- Press the **SET/HOLD** button.
- Press the **DEL/TIME** to return to the standby mode.

❑ **Hold function**

The Hold function allows music to be switched on during the conversation. After pressing the HOLD button, the person on the other end of the line

will automatically be able to hear music. This function may be used, for example, in offices while a client is on hold.

To switch the hold music on:

- inform the person on the other end of the line about a music pause.
- Press the **SET/HOLD** button. The display will show **Hold**. The telephone will start to play music. The **NEW** indicator will light up.

Note!
In activating this function using the UP/+ or DOWN/- button, you may select the melody you wish the caller to hear. There are 8 melodies available, from which you can choose. These are indicated by symbols from 01 to 08.

- You can replace the handset on the base. The connection will not be interrupted. The hold music will be heard through the speaker located in the base unit of the telephone.

- Lift the handset or press the **SP-PHONE** button to continue speaking. The Hold function will be switched off.

Note!
If the handset is not replaced on the base, press the SET/HOLD button again to switch the hold music off.

- **Memory**

  Your telephone can store 7 telephone numbers in the one-touch memory and 10 telephone numbers in the two-touch memory. The number can then be dialed by pressing one button or two buttons. The one-touch memory locations are located under the buttons indicating **M1-M7** and the two-touch memory locations are located under the buttons of the keypad. Each number that is stored can have up to 16 digits.

  - ***One-touch memory***

To store a number in the memory:

- press the **STORE** button. The display will show **INPUt CodE**_.

- Enter the number, to be stored in the memory. The number will be displayed.

Note!
*The pause can be stored in the memory by pressing **VIP/P** button.*

- Press the **STORE** button a second time.
- Now press one of the number buttons (M1-M7). This gives you the code under which your number will be stored. The telephone will return to standby mode.

To dial a number using the memory :

- lift the handset or press the **SP-PHONE** button.
- Next press the appropriate code number key. The number will be displayed and dialed.

Note!
*If there is no number under the code number key, the telephone displays symbol **NO COdE**.*

- Replace the handset or press the **SP-PHONE** button to end the call.

Note!
1. Storing a number in the memory automatically deletes any previous number kept under the individual code number you choose.
2. The stored numbers can be reviewed in the standby mode. To display the number from the code number key:

- *press the code number key. The number will be displayed.*

- ***Two-touch memory***

To store a number in the memory:

- press the **STORE** button. The display will show **INPUt CodE**_.

- Enter the number, to be stored in the memory. The number will be displayed.

Note!
*The pause can be stored in the memory by pressing **VIP/P** button.*

- Press the **STORE** button a second time.

- Now press one of the number buttons (0-9). This gives you the code under which your number will be stored. The telephone will return to standby mode.

To dial a number using the memory :

- lift the handset or press the **SP-PHONE** button.

- Press the **RECALL** button.

- Next press the appropriate code number key (0-9). The number will be displayed and dialed.

Note!
*If there is no number under the code number key, the telephone displays symbol **NO COdE**.*

- Replace the handset or press the **SP-PHONE** button to end the call.

Note!
1. Storing a number in the memory automatically deletes any previous number kept under the individual code number you choose.
2. The stored numbers can be reviewed in the standby mode. To display the number from the code number key:

- *press the **RECALL** button,*
- *press the code number key. The number will be displayed.*

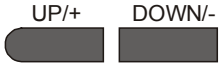
- ***How to delete a number from one-touch and two-touch memory***

During the review:

- Press the **DEL/TIME** button twice. The number will be removed. The telephone will return to standby mode.

❑ **Flash function**

This allows various switchboard facilities such as call transfer and conference calls to be used. Contact your communications manager or the person responsible for maintaining your switchboard to find out what facilities are available.
The telephone allows the following values to be set: 90ms, 120ms, 180ms, 300ms, 600ms and 1000ms



To set the right Flash value:

- press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.
- Press the **2** button. The display will show an actual setting. The factory setting is 600ms.
- Press the **UP/+** or **DOWN/-** button to select the right value.
- Press the **SET/HOLD** button to confirm the setting.
- Press the **DEL/TIME** button. The telephone will return to standby mode.

If the **DEL/TIME** button is not pressed, the telephone will return to standby mode after several seconds. The setting will be stored.

How to transfer a call.

To transfer a call from one internal number to another:

- press the **FLASH** button.

- Enter the number, to which you want to transfer the call.

- Replace the handset on the base unit.

❑ **How to lock the telephone numbers.**

The telephone can be blocked so that it is impossible to make a call beginning with the digit „0”,
for example:
a Long Distance or International call, a Party Line call, or, in the case of an office switchboard, where the number „0” facilitates an outside line , it can block an extension number from being used by an unauthorized person. This is an invaluable feature in the prevention of unauthorized calls and the safeguarding of a telephone bill from unauthorized expense.
In order to use this feature the key must be placed in the lock located on the underside of the telephone, and then turned to the required position:

- “red dot” position - the telephone can be used to dial all numbers on the keypad including „0”.
- “green dot” position – the telephone can used to block all numbers.
- “yellow dot” position - the telephone has the lock activated and the number „0” cannot be dialed.

❑ **Alarm function**

Your telephone may be used as alarm clock. Up to three different times may be stored simultaneously, using the alarm function. The telephone will emit the alarm signal for 40 seconds.

To programme the alarm:

1. press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.

2. Press the **5** button. The display will show **AL 123**.
3. Press the **1** button to set the first alarm. The display will show symbol **AL 1OFF**. Alarm is off.
4. Press the */. button to switch alarm on. The display will show **AL 1 12-00**. The first digit of the clock will flash.
5. Using the keypad, enter the hour and minute. For example, if you wish to set 15:37, press the following digits 1537.

6. Press the **SET/HOLD** button. The display will show **AL 123**.
7. Press the **2** button. The display will show symbol **AL 2OFF**.
8. Repeat steps 4 and 5 to set the second alarm.
9. Press the **SET/HOLD** button. The display will show **AL 123**.
10. Press the **3** button, if you wish to set the third alarm. The display will show **AL 3OFF**.
11. Repeat steps 4 and 5 to set the third alarm.
12. Press the **SET/HOLD** button. The display will show **AL 123**.
13. Press the **SET/HOLD** button once more to confirm the setting. The display will show **– 0 1 2 3 4 5 6 7 -**.

14. Press the **DEL/TIME** button. The telephone will return to the standby mode.

If the **DEL/TIME** button is not pressed, the telephone will return to standby mode after several seconds. The setting will be stored.

Note!

You do not have to set three alarms . After displaying symbol ***AL 123****, select the alarm, you wish to set.*

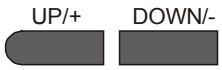
The alarm signal will be played every day. The alarm can be switched off by pressing the **DEL/TIME** button.

Note!

- *The alarm will only function when the batteries are located in the battery compartment or the base unit is connected to a power supply.*
- *To switch the alarm off, set the **AL 1OFF** symbol by pressing the ***/.** button.*

❑ „Don't disturb" function.

Your telephone allows the ringer to be switched off.
The telephone will not then ring, with the exception of the VIP numbers (see chapter :„VIP function").



To switch the ringer off:

- press and hold the **BRT/SLP** button, until **SLEEP 0-30** is displayed. The ringer is then switched off for 30 minutes. This is a factory setting.
- To change the time, press the **UP/+** or **DOWN/-** button. Each time this button is pressed, the setting is changed by about 30 minutes. The maximum time that the ringer may be switched off is 23 hours and 30 minutes.

Note!
*If the **UP**/+ or **DOWN**/- button is not pressed within 5 seconds, the setting will be confirmed as the minimum time (30 minutes).*

- Press the **SET/HOLD** button to confirm the setting.

- Press the **DEL/TIME** button. The telephone returns to the standby mode and the display shows **SLEEP** and clock.

Note!
***a)** If no further buttons are pressed, the telephone will return to standby mode after several seconds. The settings will be stored.*
b) If you have an activated CLIP service, all numbers will be stored in the memory.
c) Remember, that the flashing display also informs of incoming calls.

To switch the „Don't disturb" function off

- lift the handset or press the **SP-PHONE** button briefly. The telephone will return to the standby mode.

❑ Calculator

Your telephone may be used as calculator. To switch the calculator on/off press the **CAL** button. After pressing this button, the display will show the digit **0.**

Below is a description of all button functions:

- the **OUT/x** button– multiplication,
- the **BACK/÷** button- division,
- the **UP/+** button- addition,
- the **DOWN/-** button- subtraction,
- the **DEL/TIME** button– clearing of data,
- the **BRT/SLP** button- addition and subtraction,
- the ***/.** button– adding a decimal point,
- the **#/=** button- result/total.

IV. Clip (Caller ID)- calling line identification presentation

Note!
CLIP *function is only available if you have subscribed to the relevant TP S.A. services or those of another Provider. If more information is required, please contact the BOK (Customer Service Office) office in your area..*

Your telephone displays and stores the number of the caller. The number is displayed until the **UP/+** or **DOWN/-** button is pressed or the handset lifted.
The number can be identified using the **FSK** system
In Poland, the FSK system is obligatory.
The FSK system is the best to use, because:

- it allows the sending of statements, which define the status of the number,
- it allows the automatic setting of time and date.

The telephone can store a maximum of 100 numbers.
Together with the number, date, time and statements (symbols) are also stored. The display can show the following symbols:

- **NEW**- a new number is stored in the memory,
- **REP**- the number is repeated,
- **- - - P - - -**- the number is private and cannot be displayed,
- **- - - O - - -** - the number is unknown and cannot be shown,
- **Error (- - - E- - -)**- an error has occurred in sending the number.

The number is identified and stored in the following form:
for example- 0 42 1234567,
The identified number consists of:
0- prefix,
42- local area code,
1234567- number of subscriber.

Note!
If the clip memory is full, storing a new number automatically deletes the first stored number.

- **How to review Clip numbers**

If new numbers are stored, the **NEW** indicator flashes. The number is displayed until the **UP/+** or **DOWN/-** button is pressed or the handset lifted.
After displaying new numbers, the **NEW** symbol disappears from the display.
New numbers change their status to **old numbers**.

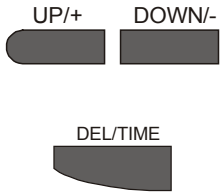
To review all numbers:

- press the **UP/+** button, the display will show the number stored in the first memory location. After next pressing the **UP/+** button, the display will show date and time.
- Press the **DOWN/-** button, the display will show the number stored in the last memory location. After next pressing the **DOWN/+** button, the display will show date and time.
- Use the **UP/+** and **DOWN/-** buttons to review all numbers

Note!

*If there are no numbers in the memory, after pressing one of the buttons, the display will show - - - **End** - - -.*

❑ How to delete Clip numbers



♦ **To delete an individual number:**

- press the **UP/+** or **DOWN/-** button to select the number you want to remove.
- Press the **DEL/TIME** button twice. The number will be removed.

Using the **UP/+, DOWN/-** and **DEL/TIME** buttons the remaining numbers can be removed.

♦ **To delete all numbers*:***

- press the **UP/+** or **DOWN/-** button.

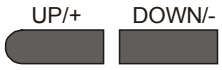
Press and hold the **DEL/TIME** button, until the telephone will show **- - - End - - -**. After several seconds, the telephone will return to standby mode. All numbers will be deleted.

❑ VIP function

VIP function allows important CLIP numbers to be saved from deletion. Every number, which is saved from deletion, will be indicated by the “padlock” symbol.

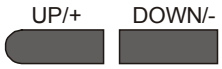
Note!

When the „No-disturb” function is used, VIP numbers are treated very specifically. The telephone will ring, when a signal is received from one of these numbers.



To save a number:

- press the **UP/+** or **DOWN/-** button to select the number to be saved.



- Press the **VIP/P** button. The display will show the **VIP** symbol.
- The above steps can be repeated for the next number.

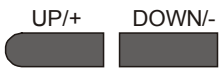
If no further buttons are pressed, the telephone will return to standby mode after several seconds. The settings will be stored.

To remove the VIP symbol :

- press the **UP/+** or **DOWN/-** button to select the VIP number.
- Press the **VIP/P** button. The VIP symbol will disappear from the display.

The above steps can be repeated for the next number.

- **How to make a call from Clip memory**

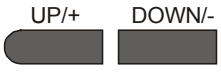


To make a call:

- press the **UP/+** or **DOWN/-** button to select the number.
- Now, press the **BACK/+**. button. The 2-way speaker function will be switched on and the number will be dialed automatically.
- Replace the handset or press the **SP-PHONE** button to end the call.

Special case!

It may happen, that the number identified was stored without a prefix, which is necessary to make long distance calls. Your telephone allows a prefix to be added at the beginning of the number automatically. A prefix is added after pressing the BACK÷ button twice. In Poland, the prefix used is **0**.



To make a call using a number without a prefix:

- press the **UP/+** or **DOWN/-** button to select the number.
- Press the **BACK/÷** button twice. The 2-way speaker function will be switched

on, the prefix will be added and the number will be dialed automatically.

- Replace the handset or press the **SP-PHONE** button to end the call.

❑ **How to set the prefix**

To enter the prefix:

- press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.
- Press the **3** button. The display will show **CodE - 12 -**.
- Press the **2** button. The display will show **0CodE - -**.
- Using the keypad, enter the prefix.
- Press the **SET/HOLD** button to confirm the setting. The display will show **CodE - 12 -**.
- Press the **DEL/TIME** button. The telephone will return to standby mode.

If no further buttons are pressed, the telephone will return to standby mode after several seconds. The settings will be stored.

To delete the prefix:

- press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.
- Press the **3** button. The display will show **CodE - 12 -**.
- Press the **2** button. The display will show an actual setting.
- Press the ***/.** button. The display will show symbol **0CodE - -**.
- Press the **DEL/TIME** button. The telephone will return to the standby mode.

❑ **How to set the local area code**

At present, a local area code does not need to be entered to make local calls. This function can only be used to specify local numbers. Entering a local area code in the memory removes it from all numbers, which belong to the same area.

To enter the local area code:

- press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.
- Press the **4** button. The display will show **ArEA - - - - -**.
- Using the keypad, enter the local area code.
- Press the **SET/HOLD** button to confirm the setting.
- Press the **DEL/TIME** button. The telephone will return to standby mode.

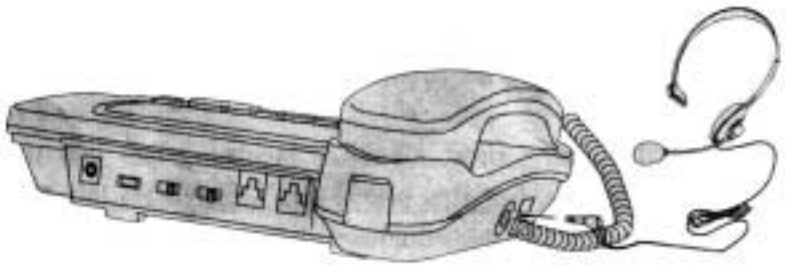
If no further buttons are pressed, the telephone will return to standby mode after several seconds. The settings will be stored.

To delete the local area code:

- press the **SET/HOLD** button. The display will show **- 0 1 2 3 4 5 6 7 -**.
- Press the **4** button. The display will show an actual setting.
- Press the ***/.** button. The display will show symbol **ArEA - - - - -**.
- Press the **DEL/TIME** button. The telephone will return to the standby mode.

V. Connecting a headphone

The telephone is equipped with a socket, which allows a headphone to be connected.



VI. Help

Please read this **Troubleshooting Guide** in case of difficulty.

- **No signal in the the handset:**
  - check that the telephone is connected to the telephone line.

- **No dial tone:**
  - check that the telephone is connected to the telephone line,
  - check that the **DIAL MODE T/P** switch is in the correct position.

- **In standby mode (when the handset is on the base unit), the display shows nothing:**
  - check that batteries are correctly inserted into the battery compartment,
  - the batteries may be dead.

- **The telephone rings quietly:**
  - check that the **RINGER Hi/Low** switch is in the correct position.

- **Unable to switch on the 2-way speakerphone function:**
  - the batteries are dead,
    no batteries in the battery compartment.

- **No CLIP:**
  - Clip function is not activated by your Provider.

- **Alarm function does not work:**
  - check that there are batteries are in the battery compartment,
  - the batteries may be dead.

- **Important advice**

  - Never use your telephone during a thunderstorm. Unplug it from the telephone line and the mains socket when there are storms in your area
  - The telephone should not be installed near a sink, bath or shower. Electrical appliances can cause serious injury if the user is wet or standing in water.
  - The telephone should be cleaned only when disconnected from the telephone PTT line.
  - Please clean the telephone with a soft cloth to prevent scratching.
  - Do not use chemical sprays or aerosols to clean the telephone.
  - Do not put the telephone in a wet, damp place or, in bright sunlight or where it could be damaged.

DECLARATION OF CONFORMITY CE

MANUFACTURER'S NAME: Przedsiębiorstwo “DARTEL”

ADDRESS: 29-100 Włoszczowa, Podlipie 26

TYPE OF PRODUCT: Corded phone

PRODUCT NAME: LJ-100

We inform, our products conform to the requirements of
the following Directives and Norms:
1) Radio & Telecom Terminal Equipment Directive 99/5/EEC,
2) Low Voltage Directive 73/23EEC,
   norm PN-EN 60950 -1,
3) Electromagnetic Compatibility Directive (EMC) 89/336/EEC,
   norm PN-EN 55022,
   norm PN-EN 55024,
   norms PN-EN 61000-4/-2/-3/-4/-5/-6/-8/-9/-11/.

In additional, our products fulfill the requirements contained in:
1) norm PN -T - 83001,
2) enclosure no. 18, Communication Minister's decree
   from 04.09.1997.

Date:
May 2005

WŁAŚCICIEL
Stanisław Jurek